

*The Delta Science Program, the CDFW Watershed Restoration Grants Branch,
and the Surface Water Ambient Monitoring Program Jointly Present a Brown Bag Seminar Series*

Flow Dynamics and Transport of Water-Quality Constituents in the Sacramento–San Joaquin River Delta

Part of a series showcasing the *State of Bay-Delta Science 2016*

Thursday, January 12th
Noon to 1:00
Park Tower Plaza
2nd Floor Conference Room
980 Ninth St., Sacramento, CA



featuring

David Schoellhamer, Ph.D.
Research Hydrologist
and Project Manager
U.S. Geological Survey

Over the past decade considerable advances have occurred in the understanding of flow dynamics and how water-quality elements move within the Bay-Delta. In this seminar, Dr. Schoellhamer will discuss these advances focusing on:

- Water-quality constituents (heat, oxygen, nutrients, contaminants, salinity, organic particles, and inorganic particles)
- Drivers of flow and transport
- Advances in techniques
- Sediment
- Connections among the watershed, Delta, and San Francisco Bay



*An aerial photo of
turbid and clear water
mixing near Franks Tract
Google Earth 2/23/2009*

The *State of Bay-Delta Science (SBDS) 2016* is a collection of peer-reviewed articles that summarize the scientific understanding of the Sacramento-San Joaquin Delta. It includes an article by Dr. David Schoellhamer on Flow Dynamics and transport of water-quality constituents in the Delta. The report is available via the [San Francisco Estuary & Watershed Science \(SFEWS\) Journal](#). To access the article, [please click here](#).

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